

<p>//KVANTOVAYA ELEKTRONIKA// 00/00/1977,V0004,N0001, PP 0160-0161 VARIATION OF THE OPTICAL THICKNESS OF AQUEOUS AEROSOL ON EXPOSURE ON EXPOSURE TO THE PULSED CO2 LASER RADIATION AMERICAN INSTITUTE OF PHYSICS</p>	000000293721
<p>POZHIDAYEV, V. N. //KVANTOVAYA ELEKTRONIKA// 00/00/1977,V0004,N0001, PP 0160-0161 VARIATION OF THE OPTICAL THICKNESS OF AQUEOUS AEROSOL ON EXPOSURE TO THE PULSED CO2 LASER RADIATION AVAIL LY SERIALS AMERICAN INSTITUTE OF PHYSICS</p>	000000133800
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<p>KLIMENKO, I. S. //KVANTOVAYA ELEKTRONIKA// 00/00/1977,V0004,N0001, PP 0162-0163 DIFFRACTION EFFICIENCY OF FOCUSED IMAGE HOLOGRAMS OBTAINED IN THE MULTI-MODE LASER RADIATION AVAIL LY SERIALS AMERICAN INSTITUTE OF PHYSICS</p>	000000293629
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KAHENSKY, N. N. //KVANTOVAYA ELEKTRONIKA// 00/00/1977,V0004,N0010, PP 2252-2254 A DEVICE FOR FREQUENCY SHIFT IN THE OPTICAL BAND 4 PP OUO JPRS L/7541	#	000000263851
ARSEN'YEV, V. A. //KVANTOVAYA ELEKTRONIKA// 00/00/1977,V0004,N0011, PP 2309-2329 NANO-AND MICROSECOND PULSE GENERATION IN SOLID STATE LASERS (REVIEW ARTICLE) 28 PP FOUO JPRS L/7631	#	000000111115
BURTSEV, V. A. //KVANTOVAYA ELEKTRONIKA// 00/00/1977,V0004,N0011, PP 2374-2378 OPTIMIZATION OF THE PARAMETERS OF A CO2 PULSE LASER 6 PP GUO JPRS L/7576	#	000000108617
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BLINOV, V. V. //KVANTOVAYA ELEKTRONIKA// 00/00/1977,V0004,N0011, PP 2459-2462 A GASDYNAMIC CO2 LASER WITH TWO-STAGE EXPANSION OF NITROGEN 5 PP OUO JPRS L/7576	#	000000198147
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MODE CSO: 8144/0846 A-78 COMPLETE SPECIAL	#	
UNKNOWN //KVANTOVAYA ELEKTRONIKA// 00/06/1977,V0004,N0006, PP 1243-1248 ALSO PP 1336-1340, 1361-1364 QUANTUM ELECTRONICS *FTD-ID(RS)T-1908-77	#	000000198148
DERYUGIN, I. A. //KVANTOVAYA ELEKTRONIKA// 00/10/1977,V0004,N0010, PP 2173-2181 ON THE COHERENCE OF AN ELECTROMAGNETIC FIELD IN DIELECTRIC WAVEGUIDES 12 PP GUO JPRS L/7576	#	000000108633
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NAUMOV, V. G. //KVANTOVAYA ELEKTRONIKA// 00/11/1977,V0004,N0011, PP 2427-2434 INVESTIGATION OF A COMBINED DISCHARGE USED FOR PUMPING FLAT-FLOW LASERS 10 PP OUO JPRS L/7576	#	000000207159
NAUMOV, V. G. //KVANTOVAYA ELEKTRONIKA// 00/11/1977,V0004,N0011, PP 2427-2434 INVESTIGATION OF A COMBINED DISCHARGED USED FOR PUMPING FAST-FLOW LASERS 10 PP OUO		000000263858

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BLINOV, V. V. //KVANTOVAYA ELEKTRONIKA// 00/11/1977,V0004,N0011, PP 2459-2463 A CO2 GAS DYNAMIC LASER WITH TWO-STEP NITROGEN EXPANSION 5 PP OUO		000000263859
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AGEYEV, V. P. //KVANTOVAYA ELEKTRONIKA// 00/12/1977,V----,N0012, PP 2501-2513 LASER AIR-BREATHING JET ENGINE 18 PP FOUO		000000140139
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BORSHCH, V. V. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V----,N0014, PP 0065-0069 PHOTOCONDUCTIVITY AND THE EFFECT OF SENSITIZATION OF ZINC SELENIDE CRYSTALS AT HIGH LEVELS OF EXCITATION 8 PP OUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(RS)T-0548-81	#	000000281416
LIVSHITS, M. G. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V----,N0014, PP 0089-0092 DIRECT RECEPTION OF OPTICAL RADIATION IN HIGH SPEED DIGITAL COMMUNICATIONS SYSTEMS *FSTC SERIAL NO 1037-80	#	000000250351
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ANIKEYEV, B. V. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V----,N0015, PP 0077-0080 INVESTIGATION OF A DOUBLE POCKETS LOCK IN A LASER WITH ACTIVE SPECTRUM PHASING 8 PP OUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(RS)T-0510-81	#	000000281417
ZEL'DOVICH, //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0002, PP 0036-0043 ON THE BOUNDARIES OF THE EXISTANCE OF THE EFFECT OF WAVE FRONT REVERSAL UNDER THE STIMULATED LIGHT SCATTERING. CSO: 8144/1229-78 COMPLETED SPECIAL	#	000000130112
RYKALIN, N. N. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0002, PP 0089-0098 EFFECT OF LASER RADIATION ON MATERIALS IN A WIDE RANGE OF ARGON PRESSURES 12 PP CSO: 8144/1224-78 COMPLETED SPECIAL	#	000000117584

<p>TAKLAYA, A. A. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0002, PP 0152-0158 A WANDERING LASER BEAM IN A TURBULENT ATMOSPHERE PARTS 1 AND 2, 11 PP CSO: 8144/1225-78 COMPLETED SPECIAL #</p>	000000117583
<p>AVDEYEV, P. S. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0002, PP 0220-0223 EXPERIMENTAL DETERMINATION OF MAXIMUM PERMISSIBLE LEVELS OF EXPOSURE TO 1.54 MICRON LASER RADIATION CSO: 8144/1230-78 COMPLETED SPECIAL #</p>	000000130113
<p>BESSARAB, A. V. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0002, PP 0325-0330 CHANGES IN METAL MIRROR REFLECTIVITY ON EXPOSURE TO LASER RADIATION 9 PP CSO: 8144/1231-78 COMPLETED SPECIAL #</p>	000000140453
<p>BASHKIN, A. S. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0002, PP 0421-0423 ON A FEASIBILITY OF A VISIBLE REGION LASER UTILIZING THE SZ MOLECULE WITH CHEMICAL PUMPING. CSO: 8144/1223-78 COMPLETED SPECIAL #</p>	000000130111
<p>KRUZHILIN, YU. I. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0003, PP 0625-0631 SELF ADJUSTING LASER TARGET SYSTEM FOR LASER FUSION 9 PP CSO: 8144/1349-78 COMPLETED SPECIAL #</p>	000000125687
<p>BEREZIN, YU. D. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0004, PP 0774-0779 EXPERIMENTAL DETERMINATION OF MAXIMUM PERMISSIBLE LEVELS OF LASER RADIATION OF PICOSECOND DURATION AT A WAVELENGTH OF 1.06 MICRONS 7 PP FOUO JPRS L/7915 #</p>	000000137947
<p>VIRNIK, YA. Z. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0004, PP 0883-0891 THE CALCULATION OF MULTIPASS TELESCOPIC AMPLIFIERS FOR A CONTINUOUS WAVE HF CHEMICAL LASER 11 PP FOUO JPRS L/7915 #</p>	000000137948
<p>SVIRKUNOV, P. N. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0004, PP 0892-0896 ON POSSIBLE SELF-FOCUSING DURING CLOUD MEDIUM EVAPORATION BY CO2 LASER RADIATION 7 PP FOUO JPRS L/7915 #</p>	000000137949
<p>BASOV, N. G. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0004, PP 0910-0913</p>	000000137950

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ARTAMONOV, A. V. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0004, PP 0920-0922 A STATIONARY TECHNOLOGICAL CLOSED CYCLE CO2 LASER WITH 6 KW RADIATION POWER 5 PP FOUO JPRS L/7915	#	000000137951
AVAKYANTS, L. I. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0005, PP 0725-0752 CHARACTERISTICS OF LASER GLASSES 29 PP FOUO JPRS L/7915	#	000000137946
VOYTOVICH, A. P. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0005, PP 0965-0972 PARAMETERS OF RING LASERS CONTAINING OPTICAL ELEMENTS WITH MAGNETIC CIRCULAR DICHROISM 10 PP DUO JPRS L/7923	#	000000197874
DARVOYD, T. I. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0005, PP 1043-1047 A STUDY OF RESISTANCE OF KRS-6 AND KRS-5 CRYSTALS TO THE ACTION OF PULSED CO2 LASER EMISSION 6 PP DUO JPRS L/7921	#	000000197937
BRODOV, M. YE. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0005, PP 1072-1076 AN INVESTIGATION OF INVERSION IN AN AMPLIFIER MODULE UTILIZING AN ACTIVE ELEMENT WITH RECTANGULAR CROSS SECTION 7 PP DUO JPRS L/7921	#	000000197926
LUKIN, V. P. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0005, PP 1124-1129 PROPAGATION OF MODULATED WAVES IN A TURBULENT ATMOSPHERE. 2. CORRELATION FUNCTIONS AND FREQUENCY SPECTRUM OF PHASE FLUCTUATIONS OF MODULATING VIBRATIONS 7 PP DUO JPRS L/7921	#	000000197927
AFONIN, YU. V. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0005, PP 1155-1157 THE EFFECT OF A MAGNETIC FIELD ON A SPACE DISCHARGE EXCITED BY AN ELECTRON BEAM 5 PP DUO JPRS L/7921	#	000000197928

<p>USTINOV, N. D. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0006, PP 1257-2162 ANALYSIS OF THE QUALITY OF LASER IMAGES IF DIFFUSE OBJECTS 8 PP FOUO JPRS L/8024 #</p>	000000174267
<p>BRYUKOV, A. S. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0006, PP 1291-1297 POPULATION INVERSION AT VIBRATIONAL LEVELS OF N20 BEHIND A SHOCK WAVE FRONT 9 PP FOUO JPRS L/8035 #</p>	000000195186
<p>AGROVSKIY, B. S. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0006, PP 1341-1349 NUMERICAL AND EXPERIMENTAL SIMULATION OF THE THERMAL SELF-ACTION OF LASER BEAMS ON A PATH WITH VARIABLE VELOCITY OF THE MEDIUM 10 PP FOUO JPRS L/8035 #</p>	000000195187
<p>GREBENYUK, V. N. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0006, PP 1365-1368 A RAMAN INFRARED LASER WITH UNSTABLE CAVITY 6 PP FOUO JPRS L/8035 #</p>	000000195188
<p>VARGIN, A. N. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0006, PP 1391-1394 THE MODEL OF KINETIC COOLING OF CARBON DIOXIDE GAS 6 PP FOUO JPRS L/8040 #</p>	000000195264
<p>ANAN'YEV, YU. A. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0007, PP 1381-1384 PHOTOIONIZATION CO2 LASER WITH ENERGY OF 300 JOULES 5 PP FOUO JPRS L/8040 #</p>	000000195263
<p>BIRYUKOV, A. S. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0007, PP 1444-1455 KINETICS OF PHYSICAL PROCESSES IN A CO-CHEMICAL SUPERSONICALLY PUMPED LASER 18 PP FOUO JPRS L/8024 #</p>	000000174265
<p>DATSKEVICH, I. S. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0007, PP 1456-1464 STUDY OF A PHOTOCHEMICAL LASER UTILIZING THE XEO MOLECULE 12 PP FOUO JPRS L/8035 #</p>	000000195189

<p>BANAKH, V. A. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0007, PP 1535-1541 INFLUENCE OF THE GRATING SIZE OF THE APERTURE AND THE TURBULENCE SPECTRUM ON FLUCTUATIONS OF LASER RADIATION INTENSITY 9 PP FOUO JPRS L/8035 #</p>	000000195178
<p>UGLOV, A. A. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0007, PP 1553-1558 CUTTING OF NONMETALLIC MATERIALS BY A C12-LASER BEAM 8 PP FOUO JPRS L/8035 #</p>	000000195179
<p>ARZUOV, M. I. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0007, PP 1567-1575 ABSORPTIVITY OF METALLIC TARGETS IRRADIATED BY A PULSE-PERIODIC CO2 LASER IN AIR 12 PP FOUO JPRS L/8035 #</p>	000000195180
<p>GORDON, YE. B. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0007, PP 1578-1580 CHEMICALLY PUMPED BR2-CO2 LASER 5 PP FOUO JPRS L/8024 #</p>	000000174266
<p>GUBAREV, A. V. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0007, PP 1595-1598 THE POSSIBILITY OF ACHIEVING SELF-PUMPING OF A GAS MIXTURE IN A REPETITIVE PULSED LASER 6 PP FOUO JPRS L/8040 #</p>	000000195261
<p>BASHKIN, A. S. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0007, PP 1608-1610 AN EFFICIENT E-BEAM PUMPED HF CHEMICAL LASER WITH HIGH SPECIFIC ENERGY DENSITY 5 PP FOUO JPRS L/8040 #</p>	000000195262
<p>BUKHANSKIY, M. F. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0009, PP 2068-2072 TENTH ALL-UNION SCHOOL ON COHERENT OPTICS AND HOLOGRAPHY (MINST 18-25 FEBRUARY 1978) 9 PP FOUO JPRS L/8131 #</p>	000000171949
<p>ACHASOV, R. I. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0011, PP 2337-2341 NUMERICAL ANALYSIS OF CHARACTERISTICS OF A GAS DYNAMICAL LASER WITH SELECTIVE THERMAL EXCITATION AND MIXING IN THE SUPERSONIC FLOW 7 PP OUO JPRS L/8281 #</p>	000000156746

<p>PATRUSHEV, G. YA. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0011, PP 2342-2347 INFLUENCE OF TURBULENT ATMOSPHERE ON WAVE BEAM FIELD FLUCTUATIONS 9 PP OUO JPRS L/8294</p>	000000156798
<p>ALEKSEYEV, N. YE. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0011, PP 2354-2357 INVESTIGATION OF THE GENERATION PROPERTIES OF PHOSPHATE GLASSES IN THE PULSE REPETITION PUMPING MODE 6 PP OUO JPRS L/8281</p>	000000156747
<p>ALEKSEYEV, V. N. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0011, PP 2369-2375 OUTPUT DISK AMPLIFIER STAGES 10 PP OUO JPRS L/8294</p>	000000156799
<p>AGROSKIN, V. YA. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0011, PP 2436-2444 A COMPARATIVE INVESTIGATION OF PULSED HF AND DF-CO2 CHEMICAL LASERS 11 PP OUO JPRS L/8281</p>	000000156748
<p>MIKAELIAN, A. L. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0012, PP 2550-2557 HIGH-SPEED WIDE-BAND ELECTROOPTICAL LITHIUM NIOBATE ELEMENTS FOR LASER BEAM CONTROL SYSTEMS 11 PP OUO JPRS L/8366</p>	000000157136
<p>BASHKIN, A. S. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0012, PP 2567-2576 USE OF EXCITED ATOMS IN THERMALLY INITIATED VISIBLE CHEMICAL LASERS 13 PP OUO JPRS L/8366</p>	000000157137
<p>BASHKIN, A. S. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0012, PP 2611-2619 CHAIN-REACTION VISIBLE CHEMICAL LASERS 12 PP OUO JPRS L/8366</p>	000000157138
<p>KOLCHIN, YU A. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0012, PP 2642-2645 STUDY OF A PULSED H2-F2 CHEMICAL LASER AT HIGH PRESSURE OF THE WORKING MEDIUM 6 PP OUO JPRS L/8366</p>	000000157126

<p>KOZLIV, YU. I. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0005,N0012, PP 2645-2648 EFFECT OF PHOTOINITIATING MATERIALS ON THE GENERATION OF A PULSE TO HF CHEMICAL LASER 6 PP DUO JPRS L/8366</p>	000000157127
<p>BRODIN, M. S. //KVANTOVAYA ELEKTRONIKA// 00/00/1978,V0015,N----, PP 0003-0028 THE INTERACTION OF ORDINARY AND LASER RADIATION WITH MIXED SINGLE CRYSTALS ZNXCD1-XS 72 PP DUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-IDIRSIT-1535-80</p>	000000296658
<p>UNKNOWN //KVANTOVAYA ELEKTRONIKA// 00/02/1978,V0005,N0002, PP 0245-0255 OUTSTANDING SOVIET SCIENTIST DIES 10 PP FOUO JPRS L/7795</p>	000000150535
<p>YAKOVLENKO, S. I. //KVANTOVAYA ELEKTRONIKA// 00/02/1978,V0005,N0002, PP 0259-0289 LASER INDUCED RADIATION COLLISIONS (SURVEY ARTICLE) 45 PP FOUO JPRS L/7795</p>	000000150533
<p>GAMAL, K. //KVANTOVAYA ELEKTRONIKA// 06/02/1978,V0005,N0011, PP 2428-2434 STATE OF THE ART OF AND PROSPECTS FOR RESEARCH ON ARTIFICIAL EARTH SATELLITE LASER DETECTION AND RANGING EQUIPMENT 11 PP DUO JPRS L/8385</p>	000000156731
<p>ZELDOVICH, B. YA. //KVANTOVAYA ELEKTRONIKA// 00/08/1978,V0005,N0008, PP 1800-1803 WAVE FRONT REVERSAL BY THE METHODS OF NONLINEAR OPTICS 6 PP FOUO JPRS L/8094</p>	000000161986
<p>BREKHOVSKIKH, G. L. //KVANTOVAYA ELEKTRONIKA// 00/08/1978,V0005,N0008, PP 1812-1815 REPRODUCTION OF A LIGHT BEAM WAVE FRONT DURING STIMULATED RAMAN SCATTERING 5 PP FOUO JPRS L/8094</p>	000000161989
<p>KOCHEMASOV, G. G. //KVANTOVAYA ELEKTRONIKA// 00/08/1978,V0005,N0008, PP 1837-1838 ON WAVEFRONT REVERSAL IN THE PROCESS OF STIMULATED SCATTERING AT DOUBLE FREQUENCY BOMBING 3 PP JPRS L/8094</p>	000000199440
<p>BEL'DYUGIN, I. M.</p>	000000184319

<p>//KVANTOVAYA ELEKTRONIKA// 00/08/1978,V0005,N0009, PP 2055-2058 THE EFFECT OF PUMP FIELD VARIATIONS ON THE FORM OF THE FIELD OF THE AMPLIFIED SIGNAL IN STIMULATED SCATTERING 5 PP FOUO JPRS L/8129</p>	#	
<p>KATRICH, A. B. //KVANTOVAYA ELEKTRONIKA// 00/09/1978,V----,N0009, PP 1949-1954 RADIATION DETECTORS BASED ON THE NERNST-ETTINGSHAUSEN EFFECT 7 PP FOUO JPRS L/8131</p>	#	000000171948
<p>VASKOVSKIY, YU. M. //KVANTOVAYA ELEKTRONIKA// 00/09/1978,V----,N0009, PP 1969-1974 OPTICAL BREAKDOWN AT THE PLASMA LAYER BOUNDARY IN ARGON AT A WAVELENGTH OF 10.6 MICRONS 7 PP FOUO JPRS L/8129</p>	#	000000184320
<p>GLOTOV, YE. P. //KVANTOVAYA ELEKTRONIKA// 00/09/1978,V0005,N0009, PP 1924-1932 INFLUENCE THAT GASDYNAMIC MOTION OF THE ACTIVE MEDIUM DURING THE PUMPING PULSE HAS ON THE ANGULAR DIVERGENCE OF EMISSION FROM ELECTRON-BEAM-CONTROLLED LASERS 10 PP FOUO JPRS L/8136</p>	#	000000177258
<p>GOLGER, A. L. //KVANTOVAYA ELEKTRONIKA// 00/09/1978,V0005,N0009, PP 1982-1988 ON THE DIRECT CONVERSION OF SOLAR ENERGY INTO LASER RADIATION 10 PP FOUO JPRS L/8131</p>	#	000000171947
<p>BYKOVSKIY, YU. A. //KVANTOVAYA ELEKTRONIKA// 00/11/1978,V0005,N0011, PP 2309-2331 SURFACE WAVES IN DISTRIBUTED-COUPLED INTEGRATED OPTICS COMPONENTS (REVIEW ARTICLE) 31 PP FOUO JPRS L/8227</p>	#	000000149411
<p>GAYSLE, V. A. //KVANTOVAYA ELEKTRONIKA// 00/11/1978,V0005,N0011, PP 2495-2497 FEASIBILITY OF DEVELOPING OPTICAL MEMORY ELEMENTS BASED ON GAAS MDP STRUCTURES 5 PP FOUO JPRS L/8227</p>	#	000000149412
<p>YELISEYEV, P. G. //KVANTOVAYA ELEKTRONIKA// 00/11/1978,V0005,N0011, PP 2503-2506 SECOND INTERNATIONAL SCHOOL OF SEMICONDUCTOR ELECTROOPTICS 'CETNIEWO-1978' 6 PP FOUO</p>		000000149415

JPRS L/8227	#	
KLEPACH, G. M. //KVANTOVAYA ELEKTRONIKA// 00/00/1979,V----,N0006, PP 0071-0075 EXPERIMENTAL AND THEORETICAL STUDIES OF A CLOSED CIRCUIT GASDYNAMIC CO2 LASER 6 PP OUO JPRS L/8704	#	000000185040
USTINOV, N. D. //KVANTOVAYA ELEKTRONIKA// 00/00/1979,V----,N0007, PP 1389-1400 Q QUANTUM MODEL OF RADIO WAVE SCATTERING IN MATTER WITH HYPEREXCITED ATOMS 15 PP OUO JPRS L/8704	#	000000185024
PRZHONSKAYA, O. V. //KVANTOVAYA ELEKTRONIKA// 00/00/1979,V----,N0016, PP 0003-0026 ORGANIC COMPOUNDS AS ACTIVE LASER MEDIA 67 PP OUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-ID(IRS)T-0905-80	#	000000265598
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<p>DONIN, V. I. //KVANTOVAYA ELEKTRONIKA// 00/02/1979,V0006,N0002, PP 0259-0363 HIGH-POWER CW ION LASERS WITH LONGER SERVICE LIFE 7 PP DUO JPRS L/8461 #</p>	000000164802
<p>GORDIYETS, B. F. //KVANTOVAYA ELEKTRONIKA// 00/02/1979,V0006,N0002, PP 0267-0273 HIGH-PRESSURE WIRE-TRIGGERED PULSED CO2 LASER 13 PP DUO JPRS L/8461 #</p>	000000164813
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//KVANTOVAYA ELEKTRONIKA//		
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//KVANTOVAYA ELEKTRONIKA//		
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//KVANTOVAYA ELEKTRONIKA//		
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//KVANTOVAYA ELEKTRONIKA//		
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//KVANTOVAYA ELEKTRONIKA//		
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//KVANTOVAYA ELEKTRONIKA//		
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//KVANTOVAYA ELEKTRONIKA//		
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//KVANTOVAYA ELEKTRONIKA//		

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IZMAYLOV, I. A. //KVANTOVAYA ELEKTRONIKA// 00/08/1979,V0006,N0008, PP 1626-1638 THEORY OF AN ELECTRON PHOTOTRANSITION CHEMICAL LASER WITH THERMAL INITIATION BEHIND THE SHOCK WAVE FRONT 19 PP 000 JPRS L/8801	#	000000193925
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<p>VORONTSOV, M. A. //KVANTOVAYA ELEKTRONIKA// 00/00/1980,V0007,N0003, PP 0500-0505 INTERFEROMETRIC CRITERIA FOR RADIATION FOCUSING 8 PP OUO JPRS L/9142</p>	#	000000222424
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<p>GULYAYEV, YU. V. //KVANTOVAYA ELEKTRONIKA// 00/00/1980,V0007,N0008, PP 1705-1712 A METHOD FOR MEASURING DISPERSION IN MULTIMODE OPTICAL FIBERS DUO COPYRIGHT INFO IT IS NOT IN THE PUBLIC DOMAIN NAV/NISC/TRAN-6568-81</p>	000000283435
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<p>BASOV, N. G. //KVANTOVAYA ELEKTRONIKA// 00/05/1980,V0007,N0005, PP 1067-1073 THE CHARACTERISTICS OF A CW ELECTRICAL IONIZATION</p>		000000236793

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UNKNOWN //KVANTOVAYA ELEKTRONIKA// 00/09/1980,V0007,N----, PP 1869-1875 NUMBER 9(99), ALSO PAGES 1926-1931, 1955-1958, 1998-2001, 2009-2011 QUANTUM ELECTRONICS (SELECTED ARTICLES) 60 PP DUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-ID(IRS)T-1887-80	000000296681
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//KVANTOVAYA ELEKTRONIKA//		
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ZUYEV, V. S. //KVANTOVAYA ELEKTRONIKA// 00/12/1980,V0007,N0012, PP 2604-2613 EXPERIMENTAL STUDY OF INTERNAL LOSSES IN IODINE LASERS PUMPED BY OPEN HIGH-CURRENT DISCHARGE ULTRAVIOLET RADIATION 13 PP OUO JPRS L/9656 #	000000259169
BASOV, N. G. //KVANTOVAYA ELEKTRONIKA// 00/12/1980,V0007,N0012, PP 2614-2620 STIMULATED LIGHT SCATTERING IN A THERMODYNAMICALLY NONEQUILIBRIUM MEDIUM WITH EXCITATION OF COLLECTIV MOTIONS AS A RESULT OF LIGHT-INITIATED CHEMICAL REACTION 9 PP OUO JPRS L/9656 #	000000259170
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ALEKSANDROV, V. M. //KVANTOVAYA ELEKTRONIKA// 00/00/1981,V0008,N0001, PP 0191-0193 MULTICHANNEL SEMICONDUCTOR NANOSECOND SWITCH FOR EXCITATION OF COPPER VAPORS BY A TRANSVERSE DISCHARGE ARM/FSTC HT-0652-B1 #	000000264805
BAKUT, P. A. //KVANTOVAYA ELEKTRONIKA// 00/01/1981,V0008,N----, PP 0189-0190 NUMBER 1(103) ON THE QUESTION OF PROCESSING N-SPECKLE IMAGES OF ASTRONOMICAL OBJECTS 4 PP OUO JPRS L/9805 #	000000264983
BAKUT, P. A. //KVANTOVAYA ELEKTRONIKA// 00/02/1981,V0008,N----, PP 0341-0346 NUMBER 2(104) METHODS OF EVALUATING THE CAPABILITIES OF OPTIMUM RECEPTION IN DETECTING ASTROPHYSICAL OBJECTS THROUGH A TURBULENT ATMOSPHERE 7 PP OUO JPRS L/9805 #	000000264985
KONOPLEV, N. A. //KVANTOVAYA ELEKTRONIKA// 00/02/1981,V0008,N----, PP 0351-0355 NUMBER 2(104) THEORETICAL INVESTIGATION OF A RING MODEL OF A SUPERSONIC CHEMICAL OF-CO2 LASER 6 PP OUO JPRS L/9805 #	000000264981
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<p>//KVANTOVAYA ELEKTRONIKA// 00/02/1981,V0008,N----, PP 0373-0375 NUMBER 2(104) LASING OBSERVED ON THE B-X TRANSITION OF THE XEF EXCIMER WITH KRF2 PHOTODISSOCIATION IN MIXTURES WITH XE 3 PP DUO JPRS L/9805</p>	#	
<p>LIKHANSKIY, V. V. //KVANTOVAYA ELEKTRONIKA// 00/03/1981,V0008,N----, PP 0637-0639 NUMBERS 3(105) DEVELOPMENT OF SMALL-SCALE INHOMOGENEITIES IN PHOTODISSOCIATION LASERS 5 PP DUO JPRS L/9805</p>	#	000000264989
<p>ABAS-OGLY, YA. R. //KVANTOVAYA ELEKTRONIKA// 00/03/1981,V0008,N----, PP 0648-0650 NUMBER 3(105) COPPER HALIDE LASER WITH PUMPING BY VACUUM TUBE AND THYRATRON OSCILLATORS 4 PP DUO JPRS L/9805</p>	#	000000264990
<p>KANDIDOV, V. P. //KVANTOVAYA ELEKTRONIKA// 00/04/1981,V----,N----, PP 0873-0877 INVESTIGATION OF THERMAL SELF-STRESS OF A LIGHT PULSE IN A TURBULENT MEDIUM BY A METHOD OF STATISTICAL TESTS 6 PP DUO JPRS L/9856</p>	#	000000272451
<p>BURETOV, I. A. //KVANTOVAYA ELEKTRONIKA// 00/04/1981,V0008,N----, PP 0751-0759 NOS 4(106) PROPAGATION OF A SLOW LUMINOUS AIR COMBUSTION WAVE IN A NEDDYMIUM LASER BEAM 10 PP DUO JPRS L/9856</p>	#	000000272446
<p>ZALESSKIY, V. YU. //KVANTOVAYA ELEKTRONIKA// 00/04/1981,V0008,N----, PP 0830-0837 NOS 4(106) CW EMISSION OF AN IODINE PHOTODISSOCIATION LASER 8 PP DUO JPRS L/9856</p>	#	000000272448
<p>ZHURAYLEV, S. F. //KVANTOVAYA ELEKTRONIKA// 00/04/1981,V0008,N----, PP 0907-0909 NOS 4(106) ELECTRIC-DISCHARGE CHEMICAL HF-LASER WITH HIGH PULSE RECURRENCE RATE 4 PP DUO JPRS L/9856</p>	#	000000272449
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//KVANTOVAYA ELEKTRONIKA//

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//KVANTOVAYA ELEKTRONIKA//

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//KVANTOVAYA ELEKTRONIKA//

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//KVANTOVAYA ELEKTRONIKA//

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	APOLLONOV, V. V. //KVANTOVAYA ELEKTRONIKA// 00/06/1981,V0008,N----, PP 1331-1334 NUMBER 6(108) CO2 LASER WITH RADIATION ENERGY OF 3KJ EXCITED UNDER MATCHED CONDITIONS 4 PP		000000285840
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NO 9(1111)

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LIGHT SCATTERING BY LIGHT-CONTROLLED CHEMICAL
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000000297677

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NO 9(1111)

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ALEKSANDROV, A. YU.
//KYANTOVAYA ELEKTRONIKA//
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NO 9(1111)

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000000297669

BOROVICH, B. L.
//KYANTOVAYA ELEKTRONIKA//
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NO 9(1111)

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OF GAS HEATING IN TRANSVERSE-DISCHARGE COPPER
VAPOR LASER

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JPRS L/10269

000000297670

AVERIN, A. P.
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NO 9(1111)

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OUO
JPRS L/10269

000000306332

BAGDASAROV, Z. YE.
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NO 11(113)

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MAZZOLANI, F. M. //L'AEROTECNICA MISSILI E SPAZIO// 00/08/1974,V0004,N----, PP 0261-0276 STABILITY OF PLATES IN COMPOSITE MATERIALS *FSTC AST-18401-031-76	#	000000025166
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BERNERT, PH. //L'AURE// 21/11/9173,V----,N----, SAKHAROV TELLS US: THEY WANT TO BREAK ME THROUGH MY WIFE CSO: 8019/1092 COMPLETED SPECIAL #	000000034309
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ZAKHAROV, V. F. //L'DY ARKTIKI I SOVREMENNYE PRIRODNYE PROTESY // 00/00/1981,V----,N----, ARCTIC ICE AND ITS CONTEMPORARY NATURAL ENVIRONMENT NSF/DPP 82-001-001 #	000000303716
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GOFFI, LUIGI //L'ENERGIA ELETTRICA// 00/00/1963,V----,N0009, PP 0694-0698 DETERMINING THE ELASTIC MODULUS OF A ROCK MASS BY MEASURING THE DEFORMATIONS PRODUCED BY CONCENTRATED LOADS IN AN EXPERIMENTAL TUNNEL ERD/UCRL-TRANS-10729-74 #	000000019951
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<p>UNKNOWN //LA LIBRE BELGIQUE// 28/12/1974,V----,N----, PP 0006-0007 INTERVIEW WITH MINISTER FRANCOIS PERIN CSO 8119/1370 COMPLETED SPECIAL</p>	#	

BALLESTRINO, ALBERTO //LA MANANA// 25/10/1973,V----,N----, PP 0001 POLICE CHIEF CALLS FOR GREATER UNDERSTANDING BETWEEN CITIZENS, POLICE 8 PP JPRS 60585	000000014127
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